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L2: Entry 1 of 1

File: USPT

Jun 26, 2001

US-PAT-NO: 6251395

DOCUMENT-IDENTIFIER: US 6251395 B1

TITLE: Methods of inhibiting inflammation at the site of a central nervous system injury with alphaD-specific antibodies

DATE-ISSUED: June 26, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Gallatin</u> ; W. Michael	Mercer Island	WA	98040	
Van der Vieren; Monica	Seattle	WA	98107	

US-CL-CURRENT: 424/144.1; 424/130.1, 424/141.1, 424/143.1, 424/153.1, 424/154.1,  
424/173.1, 530/387.1, 530/388.1, 530/388.2, 530/388.22, 530/388.7, 530/388.73,  
530/388.75

## CLAIMS:

What is claimed is:

1. A method for inhibiting macrophage infiltration at the site of a central nervous system injury comprising the step of administering to an individual an effective amount of an anti-.alpha..sub.d monoclonal antibody.
2. The method according to claim 1 wherein the anti-.alpha..sub.d monoclonal antibody blocks binding between .alpha..sub.d and a binding partner.
3. The method according to claim 2 wherein the binding partner is VCAM-1.
4. The method according to claim 1 where the anti-.alpha..sub.d monoclonal antibody is selected from the group consisting of the monoclonal antibody secreted by hybridoma 226H (ATCC Accession No: HB-12592) and the monoclonal antibody secreted by hybridoma 236L (ATCC Accession No: HB-12593).
5. The method according to any one of claims 1 through 4 wherein the central nervous system injury is a spinal cord injury.
6. A method for reducing inflammation at the site of a central nervous system injury comprising the step of administering to an individual an effective amount of an anti-.alpha..sub.d monoclonal antibody.
7. The method according to claim 6 wherein the anti-.alpha..sub.d monoclonal antibody blocks binding between .alpha..sub.d and a binding partner.
8. The method according to claim 7 wherein the binding partner is VCAM-1.
9. The method according to claim 6 where the anti-.alpha..sub.d monoclonal antibody is selected from the group consisting of the monoclonal antibody secreted by hybridoma 226H (ATCC Accession No: HB-12592) and the monoclonal antibody secreted by hybridoma 236L (ATCC Accession No: HB-12593).

10. The method according to any one of claims 6 through 9 wherein the central nervous system injury is a spinal cord injury.

**WEST**

Generate Collection

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L3: Entry 3 of 4

File: USPT

Jun 26, 2001

US-PAT-NO: 6251395

DOCUMENT-IDENTIFIER: US 6251395 B1

TITLE: Methods of inhibiting inflammation at the site of a central nervous system injury with alphaD-specific antibodies

DATE-ISSUED: June 26, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Mercer Island	WA	98040	
Van der Vieren; Monica	Seattle	WA	98107	

US-CL-CURRENT: 424/144.1; 424/130.1, 424/141.1, 424/143.1, 424/153.1, 424/154.1, 424/173.1, 530/387.1, 530/388.1, 530/388.2, 530/388.22, 530/388.7, 530/388.73, 530/388.75

## CLAIMS:

What is claimed is:

1. A method for inhibiting macrophage infiltration at the site of a central nervous system injury comprising the step of administering to an individual an effective amount of an anti-.alpha..sub.d monoclonal antibody.
2. The method according to claim 1 wherein the anti-.alpha..sub.d monoclonal antibody blocks binding between .alpha..sub.d and a binding partner.
3. The method according to claim 2 wherein the binding partner is VCAM-1.
4. The method according to claim 1 where the anti-.alpha..sub.d monoclonal antibody is selected from the group consisting of the monoclonal antibody secreted by hybridoma 226H (ATCC Accession No: HB-12592) and the monoclonal antibody secreted by hybridoma 236L (ATCC Accession No: HB-12593).
5. The method according to any one of claims 1 through 4 wherein the central nervous system injury is a spinal cord injury.
6. A method for reducing inflammation at the site of a central nervous system injury comprising the step of administering to an individual an effective amount of an anti-.alpha..sub.d monoclonal antibody.
7. The method according to claim 6 wherein the anti-.alpha..sub.d monoclonal antibody blocks binding between .alpha..sub.d and a binding partner.
8. The method according to claim 7 wherein the binding partner is VCAM-1.
9. The method according to claim 6 where the anti-.alpha..sub.d monoclonal antibody is selected from the group consisting of the monoclonal antibody secreted by hybridoma 226H (ATCC Accession No: HB-12592) and the monoclonal antibody secreted by hybridoma 236L (ATCC Accession No: HB-12593).
10. The method according to any one of claims 6 through 9 wherein the central nervous system injury is a spinal cord injury.

**WEST**☐ **Generate Collection** **Print**

L3: Entry 3 of 4

File: USPT

Jun 26, 2001

US-PAT-NO: 6251395

DOCUMENT-IDENTIFIER: US 6251395 B1

TITLE: Methods of inhibiting inflammation at the site of a central nervous system injury with alphaD-specific antibodies

DATE-ISSUED: June 26, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Mercer Island	WA	98040	
Van der Vieren; Monica	Seattle	WA	98107	

US-CL-CURRENT: 424/144.1; 424/130.1, 424/141.1, 424/143.1, 424/153.1, 424/154.1,  
424/173.1, 530/387.1, 530/388.1, 530/388.2, 530/388.22, 530/388.7, 530/388.73,  
530/388.75

## CLAIMS:

What is claimed is:

1. A method for inhibiting macrophage infiltration at the site of a central nervous system injury comprising the step of administering to an individual an effective amount of an anti-.alpha..sub.d monoclonal antibody.
2. The method according to claim 1 wherein the anti-.alpha..sub.d monoclonal antibody blocks binding between .alpha..sub.d and a binding partner.
3. The method according to claim 2 wherein the binding partner is VCAM-1.
4. The method according to claim 1 where the anti-.alpha..sub.d monoclonal antibody is selected from the group consisting of the monoclonal antibody secreted by hybridoma 226H (ATCC Accession No: HB-12592) and the monoclonal antibody secreted by hybridoma 236L (ATCC Accession No: HB-12593).
5. The method according to any one of claims 1 through 4 wherein the central nervous system injury is a spinal cord injury.
6. A method for reducing inflammation at the site of a central nervous system injury comprising the step of administering to an individual an effective amount of an anti-.alpha..sub.d monoclonal antibody.
7. The method according to claim 6 wherein the anti-.alpha..sub.d monoclonal antibody blocks binding between .alpha..sub.d and a binding partner.
8. The method according to claim 7 wherein the binding partner is VCAM-1.
9. The method according to claim 6 where the anti-.alpha..sub.d monoclonal antibody is selected from the group consisting of the monoclonal antibody secreted by hybridoma 226H (ATCC Accession No: HB-12592) and the monoclonal antibody secreted by hybridoma 236L (ATCC Accession No: HB-12593).
10. The method according to any one of claims 6 through 9 wherein the central nervous system injury is a spinal cord injury.

**Set Name Query**  
side by side**Hit Count Set Name**  
result set*DB=USPT,PGPB; PLUR=YES; OP=ADJ*

<u>L10</u>	l1 and alpha and (tnf\$ or tumor adj necrosis\$ or phagocyt\$ or macrophag\$)	28	<u>L10</u>
<u>L9</u>	l1 and 'alpha-d'	0	<u>L9</u>
<u>L8</u>	l1 and alpha	37	<u>L8</u>
<u>L7</u>	l1 and alphaD	1	<u>L7</u>
<u>L6</u>	(alphaD or 205c) same (antibod\$) and (inhibit\$ or suppress\$ or prevent\$ or immunosuppress\$ or block\$) and (tnf\$ or tumor adj necrosis or phagocyt\$ or macrophag\$)	5	<u>L6</u>
<u>L5</u>	(alphaD) same (antibod\$) and (inhibit\$ or suppress\$ or prevent\$ or immunosuppress\$ or block\$ or therap\$ or treat\$) same (tnf\$ or tumor adj necrosis\$ or phagocyt\$ or macrophag\$ or monocyt\$)	1	<u>L5</u>
<u>L4</u>	(alphaD) same (antibod\$) same (inhibit\$ or suppress\$ or prevent\$ or immunosuppress\$ or block\$)	1	<u>L4</u>
<u>L3</u>	L1 and 205c	4	<u>L3</u>
<u>L2</u>	L1 and alphad	1	<u>L2</u>
<u>L1</u>	gallatin.in.	68	<u>L1</u>

END OF SEARCH HISTORY

DNA and recombinant vectors encoding human .beta.2 integrin  
.alpha.d-subunit  
INVENTOR(AUTHOR): Gallatin, W. Michael; Van der Vieren, Monica  
LOCATION: USA  
ASSIGNEE: ICOS Corp.  
PATENT: United States ; US 5470953 A DATE: 951128  
APPLICATION: US 286889 (940805) \*US 173497 (931223)  
PAGES: 57 pp. Cont.-in-part of U.S. Ser. No. 173,497. CODEN: USXXAM  
LANGUAGE: English CLASS: 530350000; C07K-001/00A; C07K-002/00B;  
C07H-019/00B; C07H-021/00B

2/3/26 (Item 7 from file: 399)  
DIALOG(R) File 399:CA SEARCH(R)  
(c) 2003 American Chemical Society. All rts. reserv.

123225922 CA: 123(17)225922k PATENT  
Human .beta.2 integrin alpha subunit and use for therapy of macrophage  
disease  
INVENTOR(AUTHOR): Gallatin, W. Michael; Van der Vieren, Monica  
LOCATION: USA  
ASSIGNEE: Icos Corp.  
PATENT: PCT International ; WO 9517412 A1 DATE: 950629  
APPLICATION: WO 94US14832 (941221) \*US 173497 (931223) \*US 286889  
(940805)  
PAGES: 172 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C07H-019/00A;  
C07H-021/00B; C12N-005/00B; C12N-015/00B; C12N-001/20B; C12P-021/06B;  
C12Q-001/68B; C12Q-001/00B; C07K-001/00B; C07K-002/00B; C07K-004/00B;  
C07K-014/00B; C07K-016/00B; A61K-035/14B DESIGNATED COUNTRIES: AU; BR; CA;  
CN; CZ; FI; HU; JP; NO; PL; RU; SK DESIGNATED REGIONAL: AT; BE; CH; DE; DK  
; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE  
? s (205C or 205E) (10n) (antibod? or hybridoma?) and integrin  
8 205C  
1 205E  
1774264 ANTIBOD?  
47300 HYBRIDOMA?  
1 (205C OR 205E) (10N) (ANTIBOD? OR HYBRIDOMA?)  
58243 INTEGRIN  
S3 1 (205C OR 205E) (10N) (ANTIBOD? OR HYBRIDOMA?) AND INTEGRIN  
? t s3/3/all

3/3/1 (Item 1 from file: 399)  
DIALOG(R) File 399:CA SEARCH(R)  
(c) 2003 American Chemical Society. All rts. reserv.

133016313 CA: 133(2)16313e PATENT  
Method for inhibiting macrophage infiltration using monoclonal  
anti-alpha-d-antibodies  
INVENTOR(AUTHOR): Gallatin, Michael W.; Van Der Vieren, Monica  
LOCATION: USA  
ASSIGNEE: Icos Corporation  
PATENT: PCT International ; WO 200029446 A1 DATE: 20000525  
APPLICATION: WO 99US27139 (19991116) \*US 193043 (19981116) \*US 350259  
(19990708)  
PAGES: 270 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C07K-016/28A;  
C12N-005/12B; G01N-033/566B DESIGNATED COUNTRIES: AE; AL; AM; AT; AU; AZ;  
BA; BB; BG; BR; BY; CA; CH; CN; CR; CU; CZ; DE; DK; DM; EE; ES; FI; GB; GD;  
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;  
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG;  
SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG;  
KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; SD; SL; SZ; TZ  
; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL;  
PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG  
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<u>L6</u>	(alphaD or 205c) same (antibod\$) and (inhibit\$ or suppress\$ or prevent\$ or immunosuppress\$ or block\$) and (tnf\$ or tumor adj necrosis or phagocyt\$ or macrophag\$)	5	<u>L6</u>
<u>L5</u>	(alphaD) same (antibod\$) and (inhibit\$ or suppress\$ or prevent\$ or immunosuppress\$ or block\$ or therap\$ or treat\$) same (tnf\$ or tumor adj necrosis\$ or phagocyt\$ or macrophag\$ or monocyt\$)	1	<u>L5</u>
<u>L4</u>	(alphaD) same (antibod\$) same (inhibit\$ or suppress\$ or prevent\$ or immunosuppress\$ or block\$)	1	<u>L4</u>
<u>L3</u>	L1 and 205c	4	<u>L3</u>
<u>L2</u>	L1 and alphad	1	<u>L2</u>
<u>L1</u>	gallatin.in.	68	<u>L1</u>

END OF SEARCH HISTORY

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Term	Documents
ALPHA.USPT,PGPB.	355008
ALPHAS.USPT,PGPB.	382
TUMOR.USPT,PGPB.	49912
TUMORS.USPT,PGPB.	33321
TUMOUR.USPT,PGPB.	5792
TUMOURS.USPT,PGPB.	3380
TNF\$	0
TNF.USPT,PGPB.	10589
TNFA.USPT,PGPB.	465
TNFAFTER.USPT,PGPB.	1
TNFAIP1.USPT,PGPB.	4
(L1 AND ALPHA AND (TNF\$ OR TUMOR ADJ NECROSI\$ OR PHAGOCYT\$ OR MACROPHAG\$)).USPT,PGPB.	28

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**DATE:** Saturday, February 08, 2003   [Printable Copy](#)   [Create Case](#)



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result set

*DB=USPT,PGPB; PLUR=YES; OP=ADJ*

<u>L10</u>	l1 and alpha and (tnf\$ or tumor adj necrosis\$ or phagocyt\$ or macrophag\$)	28	<u>L10</u>
<u>L9</u>	l1 and 'alpha-d'	0	<u>L9</u>
<u>L8</u>	l1 and alpha	37	<u>L8</u>
<u>L7</u>	l1 and alphaD	1	<u>L7</u>
<u>L6</u>	(alphaD or 205c) same (antibod\$) and (inhibit\$ or suppress\$ or prevent\$ or immunosuppress\$ or block\$) and (tnf\$ or tumor adj necrosis or phagocyt\$ or macrophag\$)	5	<u>L6</u>
<u>L5</u>	(alphaD) same (antibod\$) and (inhibit\$ or suppress\$ or prevent\$ or immunosuppress\$ or block\$ or therap\$ or treat\$) same (tnf\$ or tumor adj necrosis\$ or phagocyt\$ or macrophag\$ or monocyt\$)	1	<u>L5</u>
<u>L4</u>	(alphaD) same (antibod\$) same (inhibit\$ or suppress\$ or prevent\$ or immunosuppress\$ or block\$)	1	<u>L4</u>
<u>L3</u>	L1 and 205c	4	<u>L3</u>
<u>L2</u>	L1 and alphad	1	<u>L2</u>
<u>L1</u>	gallatin.in.	68	<u>L1</u>

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**Search Results - Record(s) 1 through 10 of 28 returned.**☐ 1. Document ID: US 20020062008 A1

L10: Entry 1 of 28

File: PGPB

May 23, 2002

PGPUB-DOCUMENT-NUMBER: 20020062008  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020062008 A1

TITLE: NOVEL HUMAN BETA2 INTEGRIN ALPHA SUBUNIT

PUBLICATION-DATE: May 23, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>GALLATIN</u> , W. MICHAEL	MERCER ISLAND	WA	US	
VAN DER VIEREN, MONICA	SEATTLE	WA	US	

US-CL-CURRENT: 530/387.3; 530/388.22, 530/388.73

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 2. Document ID: US 20010029293 A1

L10: Entry 2 of 28

File: PGPB

Oct 11, 2001

PGPUB-DOCUMENT-NUMBER: 20010029293  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20010029293 A1

TITLE: Icam-related protein

PUBLICATION-DATE: October 11, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Gallatin</u> , W. Michael	Mercer Island	WA	US	
Vazeux, Rosemay	Seattle	WA	US	

US-CL-CURRENT: 530/387.3; 435/7.92

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 3. Document ID: US 6432404 B1

L10: Entry 3 of 28

File: USPT

Aug 13, 2002

US-PAT-NO: 6432404  
DOCUMENT-IDENTIFIER: US 6432404 B1

TITLE: Methods of inhibiting locomotor damage following spinal cord injury with  
.alpha. D-specific antibodies

DATE-ISSUED: August 13, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Mercer Island	WA		
Van der Vieren; Monica	Snohomish	WA		

US-CL-CURRENT: 424/144.1; 424/130.1, 424/141.1, 424/143.1, 424/153.1, 424/154.1,  
424/173.1, 530/387.1, 530/388.1, 530/388.2, 530/388.22, 530/388.7, 530/388.73,  
530/388.75

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMTC	Draw Desc	Image
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☐ 4. Document ID: US 6251395 B1

L10: Entry 4 of 28

File: USPT

Jun 26, 2001

US-PAT-NO: 6251395

DOCUMENT-IDENTIFIER: US 6251395 B1

TITLE: Methods of inhibiting inflammation at the site of a central nervous system  
injury with alphaD-specific antibodies

DATE-ISSUED: June 26, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Mercer Island	WA	98040	
Van der Vieren; Monica	Seattle	WA	98107	

US-CL-CURRENT: 424/144.1; 424/130.1, 424/141.1, 424/143.1, 424/153.1, 424/154.1,  
424/173.1, 530/387.1, 530/388.1, 530/388.2, 530/388.22, 530/388.7, 530/388.73,  
530/388.75

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMTC	Draw Desc	Image
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☐ 5. Document ID: US 6153395 A

L10: Entry 5 of 28

File: USPT

Nov 28, 2000

US-PAT-NO: 6153395

DOCUMENT-IDENTIFIER: US 6153395 A

TITLE: ICAM-related protein

DATE-ISSUED: November 28, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Seattle	WA		
Vazeux; Rosemay	Seattle	WA		

US-CL-CURRENT: 435/7.24; 435/7.8, 436/501

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 6. Document ID: US 6123915 A

L10: Entry 6 of 28

File: USPT

Sep 26, 2000

US-PAT-NO: 6123915

DOCUMENT-IDENTIFIER: US 6123915 A

TITLE: Methods for using agents that bind to VCAM-1

DATE-ISSUED: September 26, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Masinovsky; Boris	Bellevue	WA		
Gallatin; William Michael	Mercer Island	WA		
Simmons; Paul J.	Seattle	WA		

US-CL-CURRENT: 424/1.49; 424/143.1, 424/152.1, 424/172.1, 424/178.1, 530/388.2,  
530/388.73, 530/391.1, 530/391.3, 530/391.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 7. Document ID: US 6107104 A

L10: Entry 7 of 28

File: USPT

Aug 22, 2000

US-PAT-NO: 6107104

DOCUMENT-IDENTIFIER: US 6107104 A

TITLE: Modulators of anchoring protein function

DATE-ISSUED: August 22, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lockerbie; Robert Owen	Kirkland	WA		
Howard; Monique L.	Seattle	WA		
Gallatin; W. Michael	Mercer Island	WA		
Lai; Yvonne	Seattle	WA		

US-CL-CURRENT: 436/518; 435/4, 435/7.1, 435/7.2, 435/7.93

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 8. Document ID: US 6100383 A

L10: Entry 8 of 28

File: USPT

Aug 8, 2000

US-PAT-NO: 6100383

DOCUMENT-IDENTIFIER: US 6100383 A

TITLE: Fusion proteins comprising ICAM-R polypeptides and immunoglobulin constant regions

DATE-ISSUED: August 8, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Gallatin</u> ; W. Michael	Seattle	WA		
Vazeux; Rosemay	Seattle	WA		

US-CL-CURRENT: 530/387.3; 435/69.7, 530/300, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 9. Document ID: US 6087130 A

L10: Entry 9 of 28

File: USPT

Jul 11, 2000

US-PAT-NO: 6087130

DOCUMENT-IDENTIFIER: US 6087130 A

TITLE: Antibody substances that bind to ICAM-related protein

DATE-ISSUED: July 11, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Gallatin</u> ; W. Michael	Seattle	WA	98040	
Vazeux; Rosemay	Seattle	WA	98119	

US-CL-CURRENT: 435/70.21; 435/328, 435/331, 530/387.3, 530/387.9, 530/388.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 10. Document ID: US 6040176 A

L10: Entry 10 of 28

File: USPT

Mar 21, 2000

US-PAT-NO: 6040176

DOCUMENT-IDENTIFIER: US 6040176 A

TITLE: Antibodies to ICAM-related protein

DATE-ISSUED: March 21, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Gallatin</u> ; W. Michael	Seattle	WA		
Vazeux; Rosemay	Seattle	WA		

US-CL-CURRENT: 435/326; 530/388.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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Term	Documents
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TUMOR.USPT,PGPB.	49912
TUMORS.USPT,PGPB.	33321
TUMOUR.USPT,PGPB.	5792
TUMOURS.USPT,PGPB.	3380
TNF\$	0
TNF.USPT,PGPB.	10589
TNFA.USPT,PGPB.	465
TNFAFTER.USPT,PGPB.	1
TNFAIP1.USPT,PGPB.	4
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File: USPT

Jun 23, 1998

US-PAT-NO: 5770686

DOCUMENT-IDENTIFIER: US 5770686 A

TITLE: ICAM-related protein fragments

DATE-ISSUED: June 23, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Seattle	WA		
Vazeux; Rosemay	Seattle	WA		

US-CL-CURRENT: 530/300; 530/317, 530/330, 530/350, 530/395

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
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☐ 22. Document ID: US 5766850 A

L10: Entry 22 of 28

File: USPT

Jun 16, 1998

US-PAT-NO: 5766850

DOCUMENT-IDENTIFIER: US 5766850 A

TITLE: Human .beta.2 integrin .alpha. subunit

DATE-ISSUED: June 16, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Seattle	WA		
Van der Vieren; Monica	Seattle	WA		

US-CL-CURRENT: 435/6; 435/7.2, 435/7.8, 536/25.4

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>
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<a href="#">KIMC</a>	<a href="#">Draw Desc</a>	<a href="#">Image</a>
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☐ 23. Document ID: US 5728533 A

L10: Entry 23 of 28

File: USPT

Mar 17, 1998

US-PAT-NO: 5728533

DOCUMENT-IDENTIFIER: US 5728533 A



TITLE: Human .beta..sub.2 integrin .alpha.subunit

DATE-ISSUED: March 17, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Mercer Island	WA		
Van der Vieren; Monica	Seattle	WA		

US-CL-CURRENT: 435/7.1; 435/7.8, 530/350, 530/380

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 24. Document ID: US 5663293 A

L10: Entry 24 of 28

File: USPT

Sep 2, 1997

US-PAT-NO: 5663293

DOCUMENT-IDENTIFIER: US 5663293 A

TITLE: ICAM-related protein

DATE-ISSUED: September 2, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Seattle	WA		
Vazeux; Rosemay	Seattle	WA		

US-CL-CURRENT: 530/324; 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 25. Document ID: US 5532127 A

L10: Entry 25 of 28

File: USPT

Jul 2, 1996

US-PAT-NO: 5532127

DOCUMENT-IDENTIFIER: US 5532127 A

TITLE: Assay for 1-CAM related protein expression

DATE-ISSUED: July 2, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Seattle	WA		
Vazeux; Rosemay	Seattle	WA		

US-CL-CURRENT: 435/6; 530/350, 536/23.1, 536/24.32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 26. Document ID: US 5470953 A

L10: Entry 26 of 28

File: USPT

Nov 28, 1995

US-PAT-NO: 5470953

DOCUMENT-IDENTIFIER: US 5470953 A

TITLE: Human .beta..sub.2 integrin .alpha. subunit

DATE-ISSUED: November 28, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; W. Michael	Seattle	WA		
Van der Vieren; Monica	Seattle	WA		

US-CL-CURRENT: 530/350; 536/22.1, 536/23.1, 536/23.4, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 27. Document ID: US 5437958 A

L10: Entry 27 of 28

File: USPT

Aug 1, 1995

US-PAT-NO: 5437958

DOCUMENT-IDENTIFIER: US 5437958 A

TITLE: Human .beta..sub.2 integrin .alpha. subunit

DATE-ISSUED: August 1, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gallatin; William M.	Mercer Island	WA		
Van der Vieren; Monica	Seattle	WA		

US-CL-CURRENT: 435/365; 435/252.3, 435/69.1, 530/350, 536/22.1, 536/23.1, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 28. Document ID: US 5206345 A

L10: Entry 28 of 28

File: USPT

Apr 27, 1993

US-PAT-NO: 5206345

DOCUMENT-IDENTIFIER: US 5206345 A

TITLE: IL-4 and TNF induce mAb 6G10-recognized expression on bone marrow stromal cells

DATE-ISSUED: April 27, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Masinovsky; Boris	Bellevue	WA		
Gallatin; William M.	Mercer Island	WA		
Simmons; Paul J.	Seattle	WA		

US-CL-CURRENT: 530/388.7; 435/7.21, 436/548

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMOC	Draw Desc	Image
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